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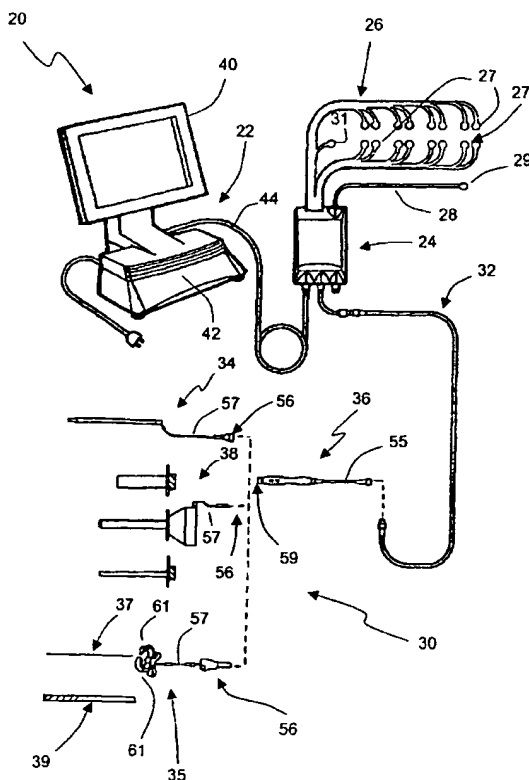
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[Continued on next page]

(54) Title: **SYSTEM AND METHODS FOR PERFORMING DYNAMIC PEDICLE INTEGRITY ASSESSMENTS**



(57) Abstract: The present invention involves systems (20) and related methods for performing dynamic pedicle integrity assessments involving the use of neurophysiology.

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KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

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<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC(7) : A61B 5/04 US CL : 600/546 According to International Patent Classification (IPC) or to both national classification and IPC											
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) U.S. : 600/546,544,554,300 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)											
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b> <table border="1"> <thead> <tr> <th>Category *</th> <th>Citation of document, with indication, where appropriate, of the relevant passages</th> <th>Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td>X</td> <td>US 5,474,558 A (Neubardt) 12 December 1995 (12.12.1995), column 6, line 3 - column 7, line 17.</td> <td>1 - 4 and 7</td> </tr> <tr> <td>A</td> <td>US 2002/0072686 A1 (Hoey et al.) 13 June 2002 (13.06.2002), [0039] - [0040].</td> <td>1-14</td> </tr> </tbody> </table>			Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	X	US 5,474,558 A (Neubardt) 12 December 1995 (12.12.1995), column 6, line 3 - column 7, line 17.	1 - 4 and 7	A	US 2002/0072686 A1 (Hoey et al.) 13 June 2002 (13.06.2002), [0039] - [0040].	1-14
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<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.											
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Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230		Authorized officer Max Hindenburg <i>Sharon N. Greene for</i> Telephone No. (703) 308-0858									

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